

Claims:

1-11. (cancelled)

12. (currently amended): A method of constructing a plurality of first metal frame members member from a sheet of metal strip on a roll forming apparatus, the method including the step of forming at least one first portion of the first metal frame member having a U-section channel profile and the step of forming at least one second portion of the first metal frame member having a C-section channel profile, wherein the at least one first portion first frame member and the at least one second portion frame member are formed on the same sheet of metal strip that is fed into the roll forming apparatus for processing, and wherein the steps are performed in manner such that the processed first metal frame member output from the roll forming apparatus has distinct first and second portions that respectively have U-section and C-section channel profiles.

13. (currently amended): A method of constructing a building frame assembly, said method including the steps of:

recording data defining a unit area in which the frame assembly is to fit;

processing the data on computing means to design the frame assembly to fit the unit area;

and

conducting the steps of forming at least one first portion of a first frame member into a U-shaped profile and forming at least one second portion of the first frame member into a C-shaped profile by using the processed data from the computing means to control a roll forming apparatus which is adapted to form the at least one first portion of the first frame member and the at least one second portion of the first frame member from a single sheet metal strip that is fed into the roll forming apparatus for processing, and wherein the steps of forming are conducted in manner such

that the processed first metal frame member output from the roll forming apparatus has distinct first and second portions that respectively have U-section and C-section channel profiles.

14. (previously presented): The method of claim 13, wherein the data defining the unit area includes data from architectural/design drawings, such that the frame assembly is adapted to accommodate all utility and architectural features required in the unit area.

15. (previously presented) The method of claim 14, wherein the data further includes physical measurements of actual dimensions of the unit area.

16-20. (cancelled)

21. (previously presented) The method of claim 12, ~~wherein the step of forming the U-section channel profile and the step of forming the C-section channel profile each comprise further comprising~~, the step of swaging a portion of the channel by forming one or more ridges in a base portion of the U-section and the C-section channel profiles, the one or more ridges formed at a predetermined depth to achieve a desired amount of swaging.

22. (previously presented) The method of claim 21, wherein the step of forming the one or more ridges further comprises the substeps of forming a first ridge having a first depth and subsequently increasing the depth of the first ridge to form a second ridge having a second depth which is greater than the first depth.

23. (currently amended) The method of claim 12, wherein the step of forming the U-section channel profile comprises the substep of forming the U-section channel profile only in portions of the sheet metal strip where the first metal frame member is designed to form a junction with a ~~the~~ second metal frame member.